

(COPY)

Edge Moor, May 3, 1887.

Messrs. Wilson Bros. & Co.,
435 Chestnut Street,
Philada, Penna.

Gentlemen:

Acknowledging yours of the 30th ulto, have now to say, in a conversation with your Mr. Darrach last evening we explained our offered change in the U. S. Mint steam plant to cover as follows:

1 - 42" diameter Kensington Vertical Tubular Heater, containing 46 - 2" Brass Tubes, heater to have 12" inlet and 12" outlet for exhaust steam, and to be provided with the necessary inlet and outlet valves, necessary inlets for drips from heating coils, suction from pump, cold water supply, overflow and drips for drainage, in addition one water gauge. To be set up on foundations in corner of engine room in such manner that the exhaust pipes of engines will satisfactorily connect thereto. Also a $1\frac{1}{4}$ " wrought iron pipe to carry the drip water from the heater through a conduit to be provided down into the blow-off well, not less than 12ft. and return to near the top of same - that said pipe would trap against 5 lbs. pressure in the exhaust pipe.

We further propose to apply a 15" Muffler on the end of the

2-W.B.& Co.

exhaust pipe in blow-off well, to avoid damage from force of steam on brick work of same, provided you instruct and have the building contractor lay the 4" vent pipe from blow-off well in the lower corner of main horizontal gas flue from well to the vertical chimney shaft and up into the same, not less than 10ft. instead of from the blow-off well to the exhaust pipe above heater as originally specified. With this arrangement we can see no possible hitch from neglect of boiler-room attendant, as the vent from blow-off well is always open and the drip from the heater to the blow-off well provides against unnecessary waste of steam in venting drip water.

Further, the water pumps are to be arranged near the heater so as to take water from it, or from the cold water main and pump the same into the boilers, or water system of the buildings,-alternately or both in connection into the one system.

On receipt of your approval of this system, we will furnish sketches showing pump, pipes, etc. for approval and have the work performed in our best manner and to your satisfaction.

Yours truly,

Edge Moor Iron Company,

Geo. H. Sellers,

Gen'l Supt.

WILSON BROTHERS & CO.,
Civil Engineers and Architects,
435 Chestnut Street, Philadelphia.

Philadelphia, May 4th, 1887

Hon. Daniel M. Fox, Supt.,
United States Mint,
Philadelphia.

Sir:

Enclosed please find letter from the
Edge Moor Iron Company, and our answer to the
same.

We have given the approval under the un-
derstanding with you at our conference on Thurs-
day last, that if the proposed change by the
Edge Moor Iron Company did not interfere with
the satisfactory working of other parts of the
general plan, it would meet your approval.

Respectfully,

Wilson Bros & Co
D.

2 ENCLOSURES.

W

Wilson Bu Ho

May 4/87

2 Enclosures

Enclose Letter from
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General plan, it would meet your approval.

Respectfully,

Rec'd

May 5, 1887

2 ENCLOSURES.

(COPY)

PHILADELPHIA, Pa., May 4th, 1887.

Edge Moor Iron Company,
Wilmington, Del.

Gentlemen:

Your letter of May 3d has been received, and in answer we would say, that we approve of the method you have suggested for the arrangement of the feed water apparatus.

In laying out the work, the feed pumps should be located so that the exhaust ($4\frac{1}{2}$ inches in diameter) from the electric light engine can be carried to the heater. It may be advisable to connect this exhaust pipe to the base of heater, and the exhaust drips, &c. from the feed pumps, to be connected to the above mentioned exhaust. When you lay out the work, please see that it is so arranged that we will have no difficulty in connecting the exhaust from this electric light engine to the heater.

Awaiting the sketch promised, we are,

Yours respectfully,

(Signed) Wilson Bro. & Co.

D.

[Letter One:]

(COPY)

Edge Moor,
May 3, 1887

Messrs. Wilson Bros. & Co.,
435 Chestnut Street,
Philada, Penna.

Gentlemen:

Acknowledging yours of the 30th ulto, have now to say, in a conversation with your Mr. Darrach last evening we explained our offered change in the U.S. Mint steam plant to cover as follows:

1 – 42" diameter Kensington Vertical Tubular Heater, containing 46 – 2" Brass Tubes, heated to have 12" inlet and 12" outlet for exhaust steam, and to be provided with the necessary inlet and outlet valves, necessary inlets for drips from heating coils, suction from pump, cold water supply, overflow and drips for drainage, in addition one water gauge. To be set up on foundations in corner of engine room in such manner that the exhaust pipes of engines will satisfactorily connect thereto. Also a 1 ¼" wrought iron pipe to carry the drip water from the heater through a conduit to be provided down into the blow-off well, not less than 12ft. and return to near the top of same – that said pipe would trap against 5 lbs. pressure in the exhaust pipe.

We further propose to apply a 15" Muffler on the end of the exhaust pipe in blow-off well, to avoid damage from force of steam on brick work of same, provided you instruct and have the building contractor lay the 4" vent pipe from blow-off well in the lower corner of main horizontal gas flue from well to the vertical chimney shaft and up into the same, not less than 10ft. instead of from the blow-off well to the exhaust pipe above heater as originally specified. With this arrangement we can see no possible hitch from neglect of boiler-room attendant, as the vent from blow-off well is always open and the drip from the heater to the blow-off well provides against unnecessary waste of steam in venting drip water.

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Yours truly,
Edge Moor Iron Company,
Geo. H. Sellers, Gen'l Supt.

[Letter Two:]

[Abstract:] Encloses letter...

Wilson Brothers & Co.,
Civil Engineers and Architects,
Philadelphia,
May 4, 1887

Hon. Daniel M. Fox, Supt.,
United States Mint,
Philadelphia.

Sir:

Enclosed please find letter from the Edge Moor Iron Company, and our answer to the same.

We have given the approval under the understanding with you at our conference on Thursday last, that if the proposed change by the Edge Moor Iron Company did not interfere with the satisfactory working of other parts of the general plan, it would meet your approval.

Respectfully,
Wilson Bro. & Co.
D.

2 ENCLOSURES.

[Letter Three:]

(COPY)

Philadelphia, Pa.,
May 4, 1887

Edge Moor Iron Company,
Wilmington, Del.

Gentlemen:

Your letter of May 3d has been received, and in answer we would say, that we approve of the method you have suggested for the arrangement of the feed water apparatus.

In laying out the work, the feed pumps should be located so that the exhaust (4 ½ inches in diameter) from the electric light engine can be carried to the heater. It may be advisable to connect this exhaust pipe to the base of heater, and the exhaust drips, &c. from the feed pumps, to be connected to the above mentioned exhaust. When you lay out the work, please see that it is so arranged that we will have no difficulty in connecting the exhaust from this electric light engine to the heater.

Awaiting the sketch promised, we are,
Yours respectfully,
(Signed) Wilson Bro. & Co.
D.